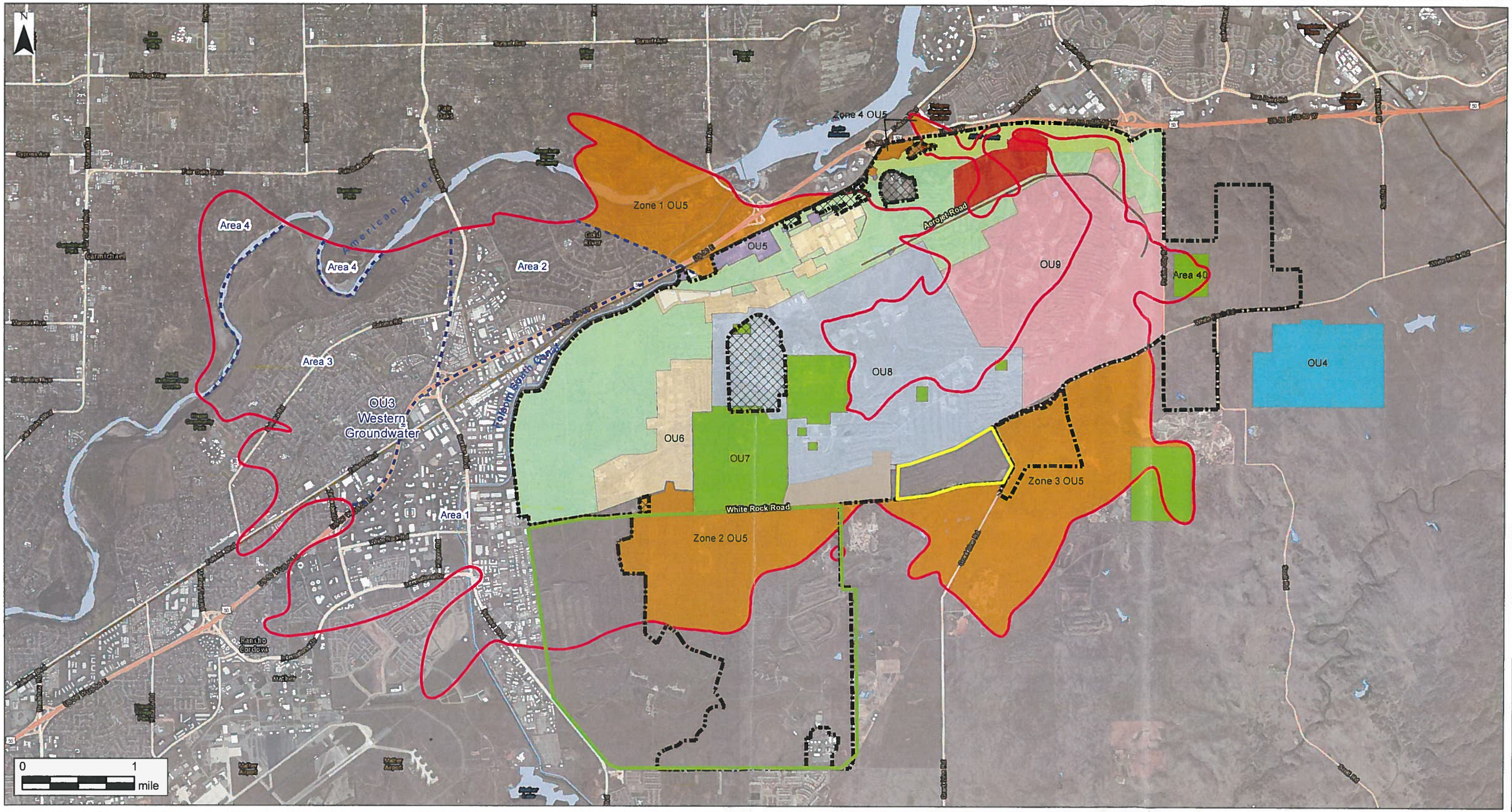


White Rock North Dump

Inactive Rancho Cordova Test Site

Aerojet Property Line 2014

Area no longer owned by Aerojet

OU3 Western Groundwater partition

Composite plume

OU4

OU6

OU7

OU8

OU9

Landfill

Carveout

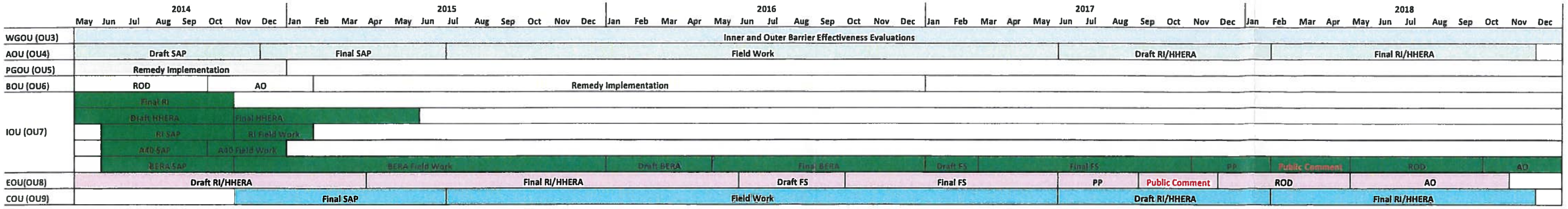
OU5 (perimeter groundwater)

OU5 (soil)

U.S. EPA REGION IX
AEROJET GENERAL CORP.
SUPERFUND SITE

SITE MAP WITH OPERABLE UNITS AND COMPOSITE PLUME SEPTEMBER 2014

Aerojet Superfund Site
Project Schedule



Legend

WGOU (OU3)	Western Groundwater Operable Unit	SAP	Sampling and Analysis Plan	ROD	Record of Decision
AOU (OU4)	Area 41 Soil and Groundwater Operable Unit	FW	Field Work	AO	Administrative Order
PGOU (OU5)	Perimeter Groundwater Operable Unit	RI	Remedial Investigation		
BOU (OU6)	Boundary Operable Unit	HHERA	Human Health and Ecological Risk Assessment		
IOU (OU7)	Island Operable Unit	BERA	Baseline Ecological Risk Assessment		
EOU (OU8)	Eastern Operable Unit	FS	Feasibility Study		
COU (OU9)	Central Operable Unit	PP	Proposed Plan		

General Guiding Documents

USEPA, 1989 (including 2002 modifications to Exhibit 2). Partial Consent Decree, 1989, Civil Action No. CIVS-86-0064-EJG.
This is the legal document that binds Aerojet Rocketdyne to conduct the activities required by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). It includes a formal identification of the source areas.

Aerojet, 2004 (and subsequent annual updates). Program Plan Modification Report
This document was prepared in response to the Partial Consent Decree requirement to group sites into Operable Units and develop a schedule for implementation of the Operable Units. The list of source areas by Operable Unit are maintained in this document as well as the current schedule for each operable unit. This document is updated annually to capture changes in OUs and schedules.

Aerojet, 2005. Remedial Investigation/Feasibility Study Work Plan - Source Area Operable Units
This document provides the general approaches that are being employed as a basis for planning and completing site investigations, evaluating data, conducting risk assessments, and preparing feasibility studies for completion of RI/FSs for each Source Area OU. This work plan is not intended to provide specific detailed approaches for each Source Area OU. Specific detailed approaches will be presented in OU-specific Field Sampling Plans

Aerojet, 2006. Priority Evaluation, Central OU Potential Source Areas
This document evaluated all Central Operable Unit (OU-9) source areas to determine if any of these source areas were significant enough to warrant earlier investigation as part of the Island Operable Unit (OU-7). The criteria included (1) presence of residual chemicals in soil that could impact groundwater; (2) significant residual chemicals in surface soil that could impact human health; (3) significant residual chemicals in soil vapor or groundwater that could impact human health via indoor air.

Aerojet, 2004 (and subsequent updates). Quality Assurance Project Plan
This document details the quality assurance/quality control program for assuring the reliability of monitoring and measurement data for the Aerojet Superfund Site restoration activities.

Aerojet, 2006. Remedial Investigation/Feasibility Study Quality Assurance Project Plan addendum for the Source Area Operable Units
This document updates the Sitewide Quality Assurance Project Plan for specific data collection planned for the source area operable unit investigations.

OU Specific Documents

OU-1 - Reserved for Sitewide Risk Assessment at conclusion of all remedial actions

OU-2 - Deleted. Combined with OU5.

OU-3 - Western Groundwater OU

USEPA, 2001. Record of Decision for the Western Groundwater Operable Unit (OU-3)
Presents USEPA's selected remedy for the Western Groundwater Operable Unit (OU-3). OU-3 includes groundwater that is migrating from the western portion of the Aerojet Superfund Site toward the west.

OU-4 - Area 41 Operable Unit (No current documents)
Area 41 Operable Unit (OU-4) consists of 25 source areas located south of White Rock Road and east of Scott Road. Aerojet leased this land in the 1960s and 1970s to conduct open burning of waste materials.

OU-5 - Perimeter Groundwater Operable Unit

USEPA, 2011. Interim Record of Decision for Groundwater and Final Record of Decision for Soil for the Perimeter Groundwater Operable Unit (OU-5)
Presents USEPA's selected remedy for the Perimeter Groundwater Operable Unit (OU-5). OU-5 includes 13 potential source areas as well as groundwater that is migrating from the northern, eastern, and southern boundaries of the Aerojet Superfund Site. The groundwater remedy is considered an interim remedy because the remedy is dependent on control of source areas in other OUs

OU-6 - Boundary Operable Unit

USEPA, 2013. Proposed Plan for Boundary Operable Unit Cleanup, Aerojet General Superfund Site
Presents USEPAs proposed remedial actions for the Boundary Operable Unit (OU-6). OU-6 consists of 35 source areas around the perimeter of the Aerojet Superfund Site. Source Areas are located within the Administration Area, Line 2, Line 5 North, Magazine Area, Chemical Plant 2, and the Dredge Pond.

OU-7 - Island Operable Unit

Aerojet, 2007. Final Supplemental Remedial Investigation/Feasibility Study Field Sampling Plan, IOU
Presents the plan for investigating the nature and extent of chemicals released at the Island Operable Unit source areas. The Island Operable Unit (OU-7) consists of 73 source areas, primarily located within the solid rocket manufacturing areas. These source areas were grouped together due to the high concentrations of TCE and/or perchlorate present in soil, soil vapor, and or groundwater. Source Areas are located within Line 1, Line 3, Line 4, Line 5, Thermal Treatment Area, Central Disposal Area, and Area 40.

OU-8 - Eastern Operable Unit

Aerojet, 2008. Final Supplemental Remedial Investigation/Feasibility Study Field Sampling Plan, EOU (OU-8)
Presents the plan for investigating the nature and extent of chemicals released at the Eastern Operable Unit source areas. The Eastern Operable Unit (OU-8) consists of 91 source areas, primarily located within the liquid rocket and solid rocket test areas. These source areas were grouped together due to their geographical location and the chemicals used (n-Nitrosodimethylamine - NDMA in the liquid rocket test area).

OU-9 - Central Operable Unit (No current documents)
The Central Operable Unit (OU-9) consists of 94 source areas, primarily located within the center of the Aerojet Superfund Site. All source areas that were not included in OUs 4, 5, 6, 7, or 8 are included in the Central Operable Unit. These source areas are located within Line 1, Line 4, Line 5, Line 6, Chemical Plant 1, Central Disposal Area, and Area 00.